**Assignment 12-**

**1. In what modes should the PdfFileReader() and PdfFileWriter() File objects will be opened?**

**Ans 1-** These files will be opened in binary mode

read binary (rb) for PdfFileREader()

write binary (wb) PdfFileWriter()

**2. From a PdfFileReader object, how do you get a Page object for page 5?**

**Ans 2-** Since page 0 is the first page, calling getPage(4) will return a Page object for page 5

**3. What PdfFileReader variable stores the number of pages in the PDF document?**

**Ans 1-**

**4. If a PdfFileReader object’s PDF is encrypted with the password swordfish, what must you do**

**before you can obtain Page objects from it?**

**Ans 4-** Before we obtain the page object, the pdf has to be decrypted by calling. decrypt('swordfish')

**5. What methods do you use to rotate a page?**

**Ans 5-**

**6. What is the difference between a Run object and a Paragraph object?**

**Ans 6**- **Run Objects-** A run is a group of characters divided by the same style within a paragraph

**Paragraph object** -The Document object contains a list of Paragraph objects for the paragraphs in the document, each starting on a new line. (A new section begins whenever the user presses ENTER or RETURN while typing in a Word document)

**7. How do you obtain a list of Paragraph objects for a Document object that’s stored in a variable**

**named doc?**

**Ans 7-** By using doc.paragraphs

import docx

doc = docx.Document('abc.docx')

doc.paragraphs

**8. What type of object has bold, underline, italic, strike, and outline variables?**

**Ans 8-** A Run object has bold, underline,italic,strike and outline variables

**9. What is the difference between False, True, and None for the bold variable?**

**Ans 9-** Runs can be further styled using text attributes. Each attribute can be set to one of three values:

* **True** (the attribute is always enabled, no matter what other styles are applied to the run),it always makes the Run object bolded
* **False** (the attribute is always disabled), False makes it always not bolded, no matter what the style’s bold setting is.
* **None** (defaults to whatever the run’s style is set to) None will make the Run object just use the style’s bold setting

**10. How do you create a Document object for a new Word document?**

**Ans 10-** By Calling the docx.Document() function

**11. How do you add a paragraph with the text Hello, there! to a Document object stored in a**

**variable named doc?**

**Ans 11-**

import docx

doc = docx.Document()

doc.add\_paragraph('Hello there!')

doc.save('hellothere.docx')

**12. What integers represent the levels of headings available in Word documents?**

**Ans 12-** integer from 0 to 4 The arguments to add\_heading() are a string of the heading text and an integer from 0 to 4. The integer 0 makes the heading the Title style, which is used for the top of the document. Integers 1 to 4 are for various heading levels, with 1 being the main heading and 4 the lowest subheading